

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

06/15/2011

Matthew McGarry Assistant District Attorney, Suffolk County

Dear ADA McGarry,

Enclosed is the information you requested in regards to Commonwealth vs. copies of the following:

Included are

- 1. Drug Analysis Laboratory Receipt.
- 2. Curriculum Vitae for Annie Dookhan & Stacey Feiden.
- 3. Control Cards with analytical results for samples #

*‡* 

- 4. Analysis sheets with custodial chemist's hand notations and test results.
- 5. GC/Mass Spectral analytical data for samples #

(not included)

Stacey Feiden was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

**Amherst Drug Laboratory** Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

2:00-4:00

DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:001:00 - 3:00

City or Department: <u>TRANSIT</u> POLICE Name and Rank of Submitting Officer: OFFICE,	R KRIS SPOONER	
Defendant(s) Name (last, first, initial):		
To be completed by Submitter  Description of Items Submitted	To be completed by Lab Po Gross Weight Lab I	
(43.5) CLONAZÉPAM TABLETS	19,10g	
-		
Received by:	Date:	/- 17)

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00 2:00 - 4:00 DRUG RECEIPT

Amherst Hours

9:00 - 12:00

1:00 - 3:00

City or Department: TRANSIT POLICE DOT GIOR  Name and Rank of Submitting Officer: OFFICER	Police Reference No.:
Name and Rank of Submitting Officer: OFFICER	KRIS SPOUNER
Defendant(s) Name (last, first, initial):	
To be completed by Submitter	To be completed by Lab Personnel
Description of Items Submitted	Gross Weight Lab Number
(5) CLONAZEPAM TABLETS White tablets (1) green tabet	11,65g
(1) green tabet	2,149
Received by:	Date: 10-21-10

#### Curriculum Vitae

#### Annie Khan (Dookhan)

#### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### Experience:

2003 - present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- \*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- \*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- \*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- \*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- \*Maintenance and repairs of all analytical instruments.
- \*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- \* Responsible for the Quality Control/Quality Assurance program for the drug lab.
- \*Notary Public.
- \*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

#### 2001 - 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- \*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- \*Method Development for creating new techniques and enhancing vaccines for the QC Dept, and FDA.
- \*Writing, revising and reviewing Standard Operating Procedures (SOPs).
- \*Trained and supervised new chemists and interns for the department.
- \*Routine QC testing of products for the FDA.
- \*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- \*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- \*Complete testing of chemicals for Vendor Validation Project for the FDA.
- \*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### Additional Training:

Dept. of Justice - Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

# Stacey Lyn Desjardins

stacey.feiden@state.ma.us

**EDUCATION** 

Master of Science—Forensic Science

University of New Haven; West Haven, Connecticut

May 2006

· Concentration: Criminalistics

· Certificate: Advanced Investigation

Bachelor of Arts-Chemistry

Monmouth College; Monmouth, Illinois

May 2004

Graduated Cum Laude

**EXPERIENCE** 

#### Chemist I

Massachusetts Department of Public Health; Jamaica Plain, Massachusetts March 2009-present

- Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies
- Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)
- Provide expert testimony to local, state, and federal courts in Massachusetts

Teaching/Graduate Assistant

Monmouth College Chemistry Department University of New Haven Forensic Science Department

January 2001-May 2006

- · Supervised labs and answered student questions
- Performed demonstrations using forensic techniques and chemicals

Additional work experience and references available upon request

**TRAINING** 

2010: DEA Forensic Chemist Seminar—Washington DC

2009: Multijurisdictional Counterdrug Task Force Training on Current Drug

Trends

2009: Six week training with Senior Staff at the Massachusetts Department of

Public Health Drug Analysis Laboratory—appointed Assistant Analyst

2005: Internship with the New Hampshire State Crime Lab

**COURSEWORK** 

Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

Date Analyzed: O\-\O\I\ No. City: MBTA Police Dept. Officer: Sergeant GLORIA ANDREWS-WARD Def: 43.5 Amount: Subst: TAB Cont: pb.DC No. Cont: 1 Date Rec'd: 10/21/2010 No. Analyzed: Gross Wt.: 19.10 V Net Weight: # Tests: | 5| 0 02AS0

Findings:

closarcpom

4

No. City: MBTA Police Dept. Date Analyzed: O\-\0~\\ Officer: Sergeant GLORIA ANDREWS-WARD Amount: No. Cont: Cont: pb PC Subst: TAB Date Rec'd: 10/21/2010 Gross Wt.: 11.65 V No. Analyzed: Net Weight: # Tests: 19L0 Findings: closazepom

No. Date Analyzed: O 1-10-11 City: MBTA Police Dept. Officer: Sergeant GLORIA ANDREWS-WARD Def: Amount: 1.0 Subst: TAB No. Cont: 1 Cont: pb Date Rec'd: 10/21/2010 No. Analyzed: Gross Wt.: Net Weight: # Tests: \SLD Findings:

# DRUG POWDER ANALYSIS FORM

SAMPLE#	agency MBTA	ANALYST SLD
No. of samples tested:	-	Evidence Wt.
PHYSICAL DESCRIPTION: -610 -43.5 White, no.	ned + sealed Sund tabs )	Gross Wt ( ):
-Class C		
PRELIMINARY TESTS Spot Tests		Microcrystalline Tests
Cobalt Thiocyanate ()	Ch	Gold Noride
Marquis		TLTA ( )
Froehde's		OTHER TESTS
Mecke's	mi	cromedex.
PRELIMINARY TEST RESULTS		MS CONFIRMATORY TEST
RESULTS CONCISEDO	$     \bigcap   $ RES	ULTS <u>CLONGZEPAM</u>
DATE 1-5-11	OPERA	ms tor ASI)
	I	DATE 1-10-11

#### POISINDEX® Product List

#### Clonazepam

Regulatory-Status: Schedule IV

Ingredients

Active-Ingredient:

Clonazepam - 2 MG

Exciplents:

Lactose (Monohydrate) Magnesium Stearate Cellulose, Microcrystalline

Povidone Water, Purified Starch, Corn

**Availability & Manufacturing** 

Availability:

United States

Available-Container-Sizes:

Inner Pack; Strip of 100; Bottle of 500; Bottle of 100

Contact:

Teva Pharmaceuticals

Product ID:

5575547

AAPCC Code:

007000 - Benzodiazepines

Registry Numbers:

NDC 00093-0834-19

NDC 00093-0834-93

**Physical Description** 

Imprint:

93 - 834 - This tablet is debossed with 93 - 834 on the unscored side.

Form:

Oral Tablet

Color:

White to Off-White

Shape: Circle

Images for NDC 00093-0834-19

Images for NDC 00093-0834-19

# DRUG POWDER ANALYSIS FORM

SAMPLE # No. of samples tested:	_ AGENCY_MBTA	ANALYST SUD
PHYSICAL DESCRIPTION: SIG	ned 1 sealed not tabs	Gross Wt():  Gross Wt():  Pkg. Wt:  Net Wt: 0.840
- Class C		
PRELIMINARY TESTS Spot Tests		Microcrystalline Tests
Cobalt Thiocyanate ( )	_	Gold Chloride
Marquis	_	TLTA ( )
Froehde's	_	OTHER TESTS
Mecke's	$\overline{\omega}$	licromedex
PRELIMINARY TEST RESULTS	9	GCIMS CONFIRMATORY TEST
RESULTS <u>CONCERDO</u>	M	ESULTS CLONGECPAM
DATE 1-5-11	- OPE	MS ERATOR ASD
		DATE 1-10-11

#### POISINDEX® Product List

#### Clonazepam

Regulatory-Status: Schedule IV

Ingredients

Active-Ingredient: Clonazepam - 2 MG

Excipients: Lactose (Monohydrate)

Magnesium Stearate Cellulose, Microcrystalline

Povidone Water, Purified Starch, Corn

Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Inner Pack; Strip of 100; Bottle of 500; Bottle of 100

Contact: Teva Pharmaceuticals

**Product ID:** 5575547

AAPCC Code: 007000 - Benzodiazepines

Registry Numbers: NDC 00093-0834-19

NDC 00093-0834-93

**Physical Description** 

Imprint: 93 - 834 - This tablet is debossed with 93 - 834 on the unscored side.

Form: Oral Tablet

Color: White to Off-White

Shape: Circle

Images for NDC 00093-0834-19

Images for NDC 00093-0834-19

# DRUG POWDER ANALYSIS FORM

No. of samples tested:	GENCY MBTA ANALYST SLD  Evidence Wt.
physical description: 8197 One light green,	Pkg. Wt:
-Class C	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Micromedex
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS CLONGZE PON	RESULTS COMOZODOM
DATE 1-5-11	OPERATOR ASI)  DATE 1-10-11
	DATE 1710 11

Revised 7/2005

#### **POISINDEX® Product List**

#### Clonazepam

Regulatory-Status:

Schedule IV

Ingredients

Active-Ingredient:

Clonazepam - 1 MG

Excipients:

Lactose (Anhydrous)
Silicon Dioxide, Colloidal
Magnesium Stearate
Cellulose, Microcrystalline
Starch, Pregelatinized
Sodium Lauryl Sulfate
D&C Yellow No. 10
FD&C Blue No. 1 Lake

Availability & Manufacturing

Availability:

**United States** 

Available-Container-Sizes:

Bottle of 90; Strip of 100; Bottle of 100; Strip of 300; Bottle of 1000; Strip of 1

Contact:

Mylan Pharmaceuticals

Product ID:

5726398

AAPCC Code:

007000 - Benzodiazepines

**Registry Numbers:** 

NDC 0378-1912-77 NDC 51079-882-20 NDC 51079-882-21 NDC 0378-1912-01 NDC 51079-882-56 NDC 0378-1912-10 NDC 51079-882-01 NDC 51079-882-30

**Physical Description** 

Imprints:

M - The tablet is debossed with M on one side and C above the score and 14 below the

score on the other side.

C 14

Form:

**Oral Tablet** 

Color:

Light Green

Shape:

Circle

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Information from Data File:

File Name :  $F:\Q1-2011\SYSTEM6\01 07 11\764544.D$ 

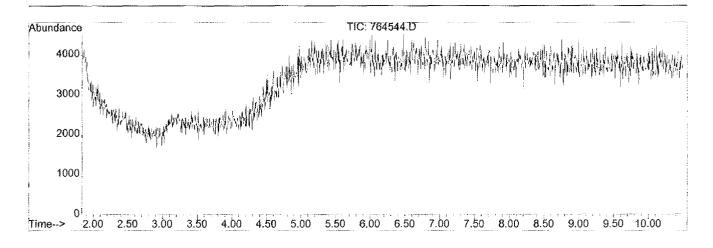
Operator : ASD

Date Acquired : 7 Jan 2011 20:33

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

<sup>\*\*\*</sup>NO INTEGRATED PEAKS\*\*\*

Information from Data File:

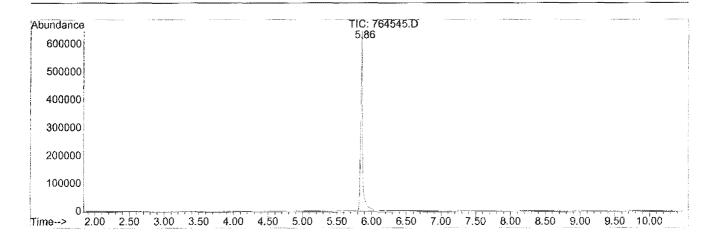
File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764545.D

Operator : ASD

Date Acquired : 7 Jan 2011 20:46 Sample Name : CLONAZEPAM STD

Submitted by :

Vial Number : 45 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.857	1252239	100.00	100.00

File Name :  $F:\Q1-2011\SYSTEM6\01\07\11\764545.D$ 

Operator : ASD

Date Acquired : 7 Jan 2011 20:46 Sample Name : CLONAZEPAM STD

Submitted by :

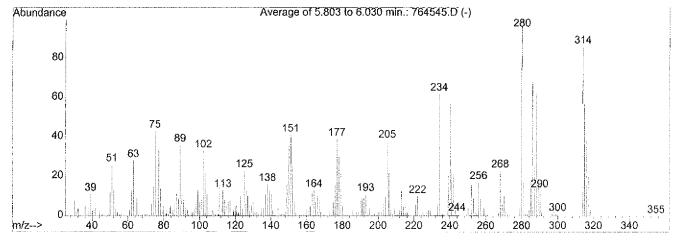
Vial Number : 45 AcquisitionMeth: CLONAZ Integrator : RTE

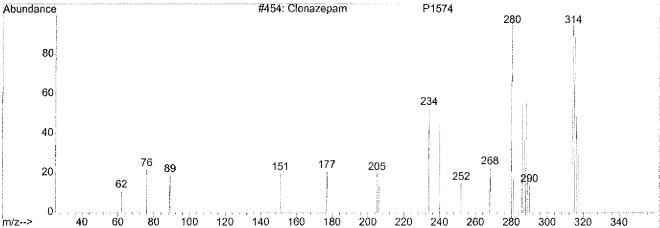
Search Libraries: C:\DATABASE\SLI Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	5.86	C:\DATABASE\PMW_TOX2.L Clonazepam Clorazepate-M/artifact AC Estradiol 2AC	001622-61-3 000000-00-0 003434-88-6	99 4 1





764545.D

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Page 2

Information from Data File:

File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764546.D

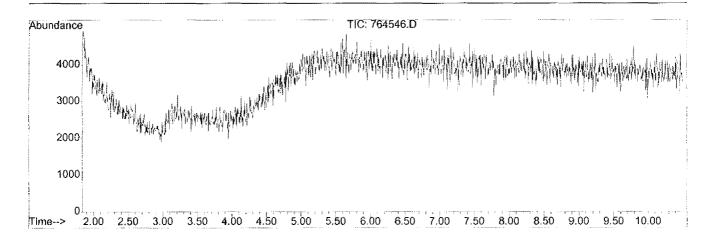
Operator : ASD

Date Acquired : 7 Jan 2011 20:59

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

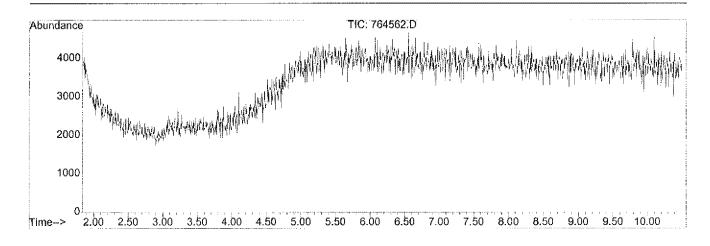
Information from Data File:

File Name :  $F:\Q1-2011\SYSTEM6\01_07_11\764562.D$ 

Operator : ASD

Date Acquired : 8 Jan 2011 00:29

Sample Name : BLANK Submitted by : SLD Vial Number : 2 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

764562.D

Fri Jun 17 10:23:04 2011

Page 1

Information from Data File:

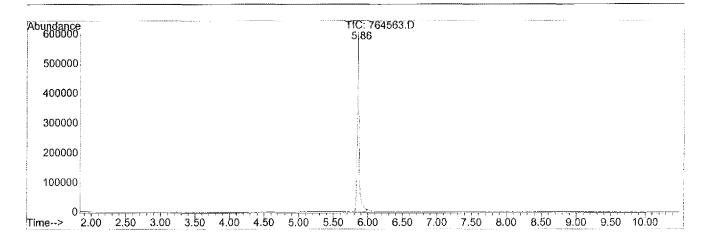
File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764563.D

Operator : ASD

Date Acquired : 8 Jan 2011 00:42

Sample Name :

Submitted by : SLD
Vial Number : 63
AcquisitionMeth: CLONAZ
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.857	1063331	100.00	100.00

File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764563.D

Operator : ASD

Date Acquired : 8 Jan 2011 00:42

Sample Name :

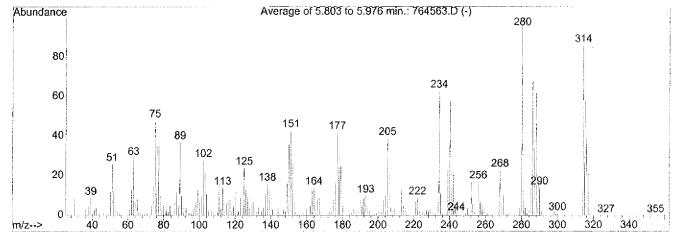
Submitted by : SLD
Vial Number : 63
AcquisitionMeth: CLONAZ
Integrator : RTE

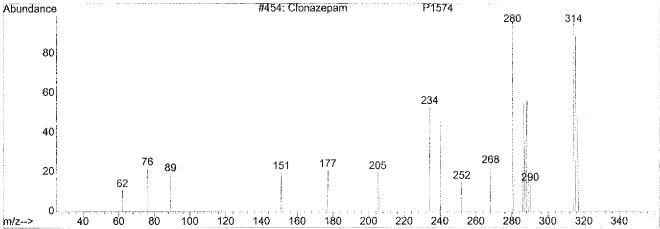
Search Libraries: C:\DATABASE\SLI Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	5.86	C:\DATABASE\PMW_TOX2.L Clonazepam Clorazepate-M/artifact AC Estradiol 2AC	001622-61-3 000000-00-0 003434-88-6	96 8 1





764563.D

Fri Jun 17 10:23:07 2011

Page 2

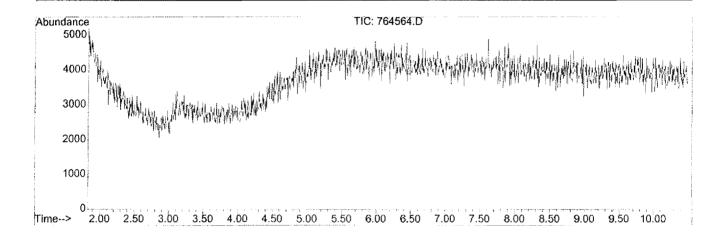
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File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764564.D

Operator : ASD

Date Acquired : 8 Jan 2011 00:55

Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE



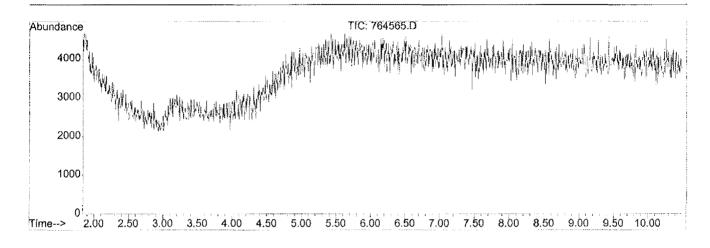
Ret. Time Area Area % Ratio %

File Name :  $F:\Q1-2011\SYSTEM6\01_07_11\764565.D$ 

Operator : ASD

Date Acquired : 8 Jan 2011 1:08

Sample Name : BLANK Submitted by : SLD Vial Number AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area Ratio %

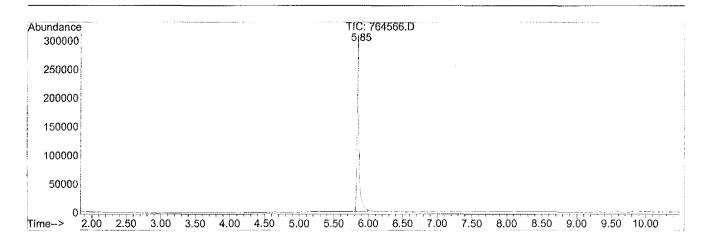
File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764566.D

Operator : ASD

Date Acquired : 8 Jan 2011 1:21

Sample Name :

Submitted by : SLD
Vial Number : 66
AcquisitionMeth: CLONAZ
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.846	586205	100.00	100.00

File Name : F:\Q1-2011\SYSTEM6\01 07 11\764566.D

Operator : ASD

Date Acquired: 8 Jan 2011 1:21

Sample Name :

Submitted by : SLD Vial Number : 66 AcquisitionMeth: CLONAZ Integrator : RTE

Search Libraries: C:\DATABASE\SLI

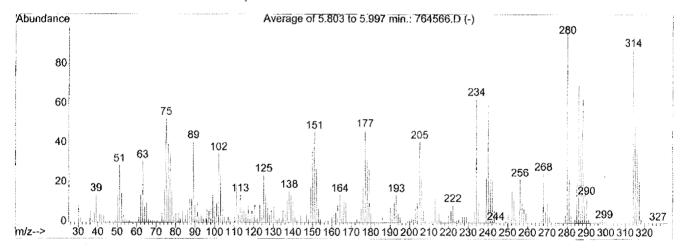
Minimum Quality: 90

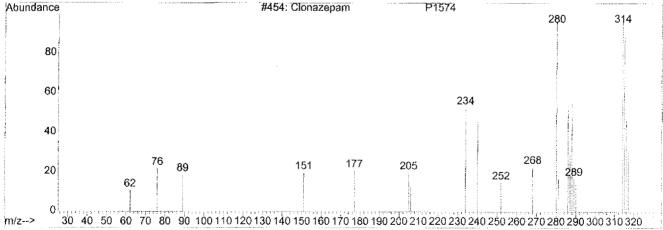
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
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764566.D

Fri Jun 17 10:23:16 2011

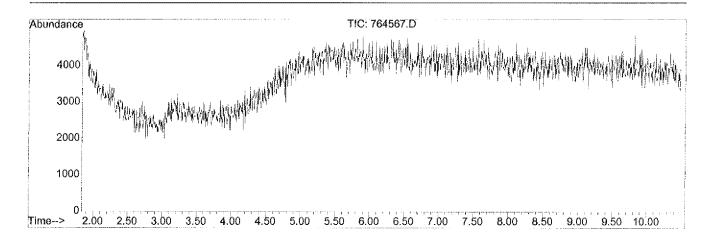
Page 2

File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764567.D

Operator : ASD

Date Acquired : 8 Jan 2011 1:34

Sample Name : BLANK Submitted by : SLD Vial Number : 2 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

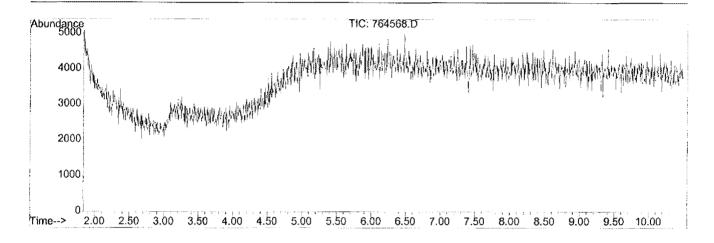
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File Name :  $F:\Q1-2011\SYSTEM6\01_07_11\764568.D$ 

Operator : ASD

Date Acquired: 8 Jan 2011 1:47

Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE



Ret. Time Area Area % Ratio %

Information from Data File:

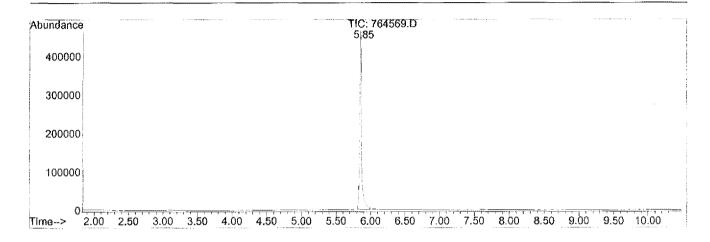
File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764569.D

: ASD Operator

Date Acquired : 8 Jan 2011 2:01

Sample Name

Submitted by : SLD Vial Number : 69 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.852		100.00	100.00

File Name :  $F:\Q1-2011\SYSTEM6\01\07\11\764569.D$ 

Operator : ASD

Date Acquired : 8 Jan 2011 2:01

Sample Name :

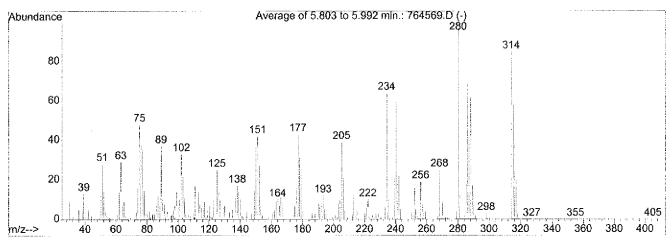
Submitted by : SLD
Vial Number : 69
AcquisitionMeth: CLONAZ
Integrator : RTE

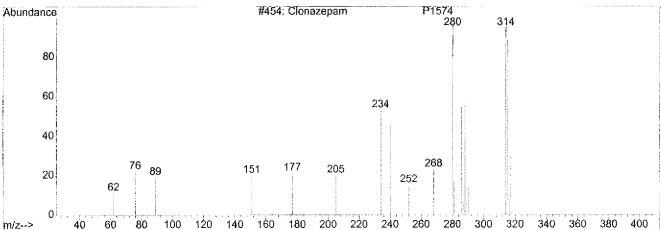
Search Libraries: C:\DATABASE\SLI Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	5.85	C:\DATABASE\PMW_TOX2.L Clonazepam	001622-61-3	99
		Clorazepate-M/artifact AC Estradiol 2AC	000000-00-0 003434-88-6	4 1





764569.D

Fri Jun 17 10:23:25 2011

Page 2

Information from Data File:

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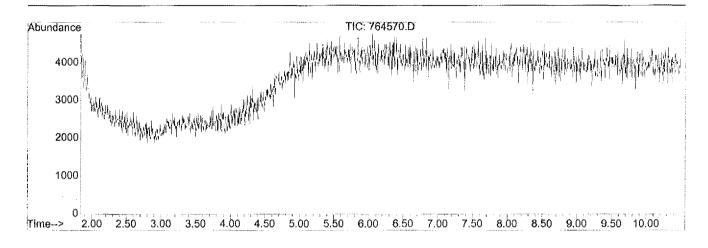
Operator : ASD

Date Acquired : 8 Jan 2011 2:14

Sample Name : BLANK

Submitted by :

Vial Number : 2 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

Information from Data File:

File Name : F:\Q1-2011\SYSTEM6\01\_07\_11\764571.D

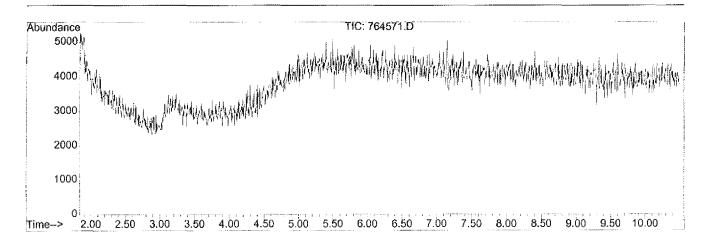
Operator : ASD

Date Acquired : 8 Jan 2011 2:27

Sample Name : BLANK

Submitted by :

Vial Number : 2 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %

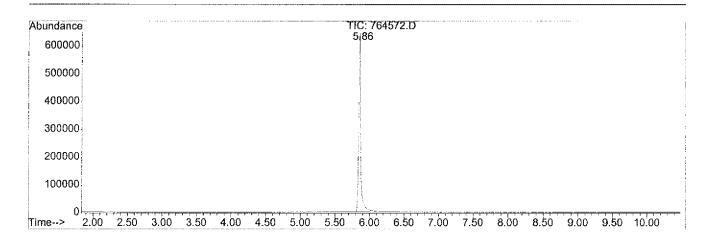
File Name :  $F:\Q1-2011\SYSTEM6\01_07_11\764572.D$ 

Operator : ASD

Date Acquired : 8 Jan 2011 2:40 Sample Name : CLONAZEPAM STD

Submitted by :

Vial Number : 45 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.857	1255565	100.00	100.00

File Name : F:\Q1-2011\SYSTEM6\01 07 11\764572.D

Operator : ASD

Date Acquired : 8 Jan 2011 2:40 Sample Name : CLONAZEPAM STD

Submitted by :

Vial Number : 45 AcquisitionMeth: CLONAZ Integrator : RTE

Search Libraries: C:\DATABASE\SLI

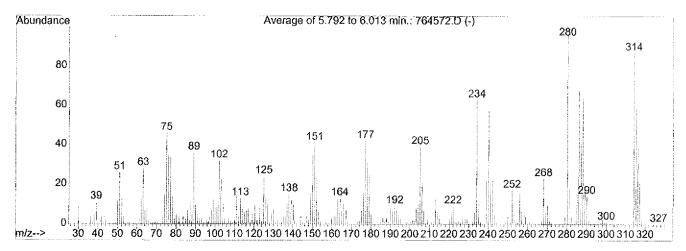
Minimum Quality: 90

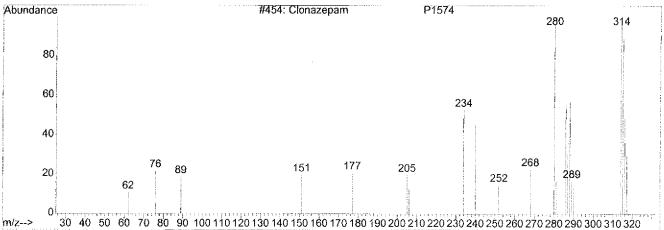
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
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764572.D

Fri Jun 17 10:23:34 2011

Page 2

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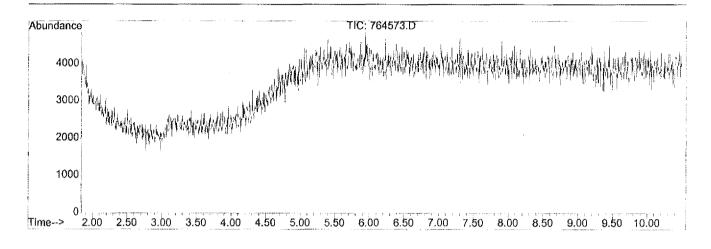
Operator : ASD

Date Acquired : 8 Jan 2011 2:53

Sample Name : BLANK

Submitted by :

Vial Number : 2 AcquisitionMeth: CLONAZ Integrator : RTE



Ret. Time Area Area % Ratio %